printers, wherein the camera receives color and printing process parameters from the one of the printers and stores the parameters in the non-volatile memory; and

an image processor adapted to sequentially:

(a) initially process the captured image, by (i) a first color space transformation and (ii) compression, to thereby produce processed image data,

(b) then store the processed image data in said non-volatile memory, and

(c) finally further process the stored initially processed image data to effect decompression and then, using the stored parameters, to effect compensation for printer characteristics responsive to received parameters and including a second color space transformation into color planes that coincide with printer process colors.

11. (Thrice Amended) A process for digital cameras used with separate color printers each having different predetermined process colors and printing process characteristics, said process including the sequential steps of:

capturing an image on an imager;

processing the captured image by (i) color filter interpolation, (ii) a first color space transformation, and (iii) compression to produce processed image data;

connecting a one of the printers to the camera via a printer interface;

receiving process color and printing process parameters from the one of the printers;

further processing the processed image data to effect decompression and compensation for the characteristics of the one of the printers responsive to received parameters, wherein said compensation includes a second color space transformation; and

transmitting processed images to the one of the printers.